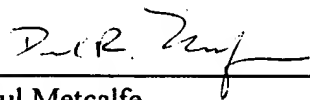


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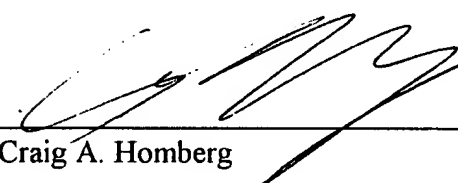
Farine, Registration No. 36,796; Regan J. Fay, Registration No. 26,878; Calvin P. Griffith, Registration No. 34,831; Paul V. Keller, Registration No. 42,713; David M. Maiorana, Registration No. 41,449; Timothy J. O'Hearn, Registration No. 31,552; Jay Ryan, Registration No. 37,064; Stephen D. Scanlon, Registration No. 32,755; Barry L. Springel, Registration No. 25,514; H. Duane Switzer, Registration No. 22,431; Michael W. Vary, Registration No. 30,811; and James L. Wamsley, III, Registration No. 31,578

all having the above-designated address.

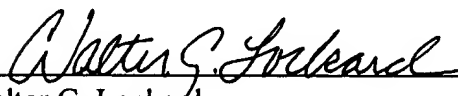
We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
\_\_\_\_\_  
Paul Metcalfe Date 1-8-99

Post Office Address: 35235 Quatermane Circle  
Bentleyville Village, Solon, Ohio 44139-2469

  
\_\_\_\_\_  
Craig A. Homberg Date 1-8-99

Post Office Address: 1617 Chestnut Road  
Cuyahoga Falls, Ohio 44223

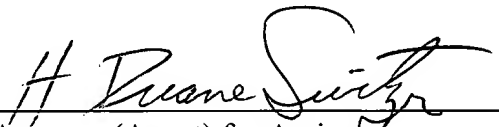
  
\_\_\_\_\_  
Walter G. Lockard Date January 8, 1999

Post Office Address: 147 Hudson Street  
Hudson, Ohio 44236



37 CFR 3.73(B) Statement

Attached is a copy of the Assignment of the previous application showing the chain of title from the inventors to the assignee.

  
\_\_\_\_\_  
Attorney (Agent) for Assignee





APRIL 21, 1999

JONES DAY, REAVIS & POQUE  
F. DREXEL FEELING, ESQ.  
901 LAKESIDE AVENUE  
NORTH POINT  
CLEVELAND, OH 44114.



PTAS

**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*100953133A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/12/1999

REEL/FRAME: 9714/0259  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

METCALFE, PAUL

DOC DATE: 01/08/1999

**ASSIGNOR:**

HOMBERG, CRAIG A.

DOC DATE: 01/08/1999

**ASSIGNOR:**

LOCKARD, WALTER G.

DOC DATE: 01/08/1999

**ASSIGNEE:**

LAMSON & SESSIONS CO., THE  
25701 SCIENCE PARK DRIVE  
CLEVELAND, OHIO 44122

SERIAL NUMBER: 09228845  
PATENT NUMBER:

FILING DATE: 01/12/1999  
ISSUE DATE:

*B*

9714/0259 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

3

Tab settings ☐ ☐ ☐

RECORD

PA

01-28-1997



100953133

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

427600800004

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Paul Metcalfe  
Craig A. Homberg  
Walter G. LockardAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: The Lamson & Sessions Co.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

25701 Science Park DriveCity: Cleveland State: OH ZIP: 44122Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: January 8, 1999

## 4. Application number(s) or patent number(s):

09228845If this document is being filed together with a new application, the execution date of the application is: 1-8-99

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No1-12-99

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: F. Drexel Feeling, Esq.James Day, Reavis & Pogue

Internal Address: \_\_\_\_\_

40.00 OPStreet Address: North Point901 Lakeside AvenueCity: Cleveland State: OH ZIP: 441146. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

10-1202[for any deficiency in fees]  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Deborah A. Satoran

Name of Person Signing

Deborah A. Satoran

Signature

1-12-99

Date

Total number of pages including cover sheet, attachments, and document: 5

**ASSIGNMENT**  
(Joint)

WHEREAS, new and useful improvements and inventions have been made by the undersigned  
in

**COUPLING ASSEMBLY HAVING ENHANCED AXIAL TENSION  
STRENGTH AND METHOD OF INSTALLATION  
OF COUPLED UNDERGROUND DUCT**

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the right of the signatures of the undersigned, which application is further identified as Jones, Day, Reavis & Pogue Docket No. 427600800004.

WHEREAS, The Lamson & Sessions Co., a corporation of the State of Ohio, and having a place of business at 25701 Science Park Drive, Cleveland, Ohio 44122, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Paul R. Metcalfe  
Paul Metcalfe

1-8-99  
Date I signed this assignment

1-8-99  
Date I signed Declaration or Oath

Post Office Address: 35235 Quartermare Circle  
Bentleyville Village, Solon, Ohio 44139-2469

Craig A. Homberg  
Craig A. Homberg

1-8-99  
Date I signed this assignment

1-8-99  
Date I signed Declaration or Oath

Post Office Address: 1617 Chestnut Blvd.  
Cuyahoga Falls, Ohio 44223

Walter G. Lockard  
Walter G. Lockard

Jan. 8, 1999  
Date I signed this assignment

Jan. 8, 1999  
Date I signed Declaration or Oath

Post Office Address: 147 Hudson Street  
Hudson, Ohio 44236

STATE OF OHIO

} ss.

COUNTY OF CUYAHOGA

The above named Paul Metcalfe, known to me, appeared before me this 8 day of January, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Rose Marie Melfi  
Notary Public

(Notarial Seal)

ROSE MARIE MELFI  
Notary Public, State of Ohio, Lake Cty.  
My Commission Expires July 23, 2002

STATE OF OHIO

} ss.

COUNTY OF CUYAHOGA

The above named Craig A. Homberg, known to me, appeared before me this 8 day of January, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Rose Marie Melfi  
Notary Public

(Notarial Seal)

ROSE MARIE MELFI  
Notary Public, State of Ohio, Lake Cty.  
My Commission Expires July 23, 2002

STATE OF OHIO

COUNTY OF CUYAHOGA

} ss.  
}

The above named Walter G. Lockard, known to me, appeared before me this 8 day of January, 1999, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.

Rose Marie Melfi  
Notary Public

(Notarial Seal)

ROSE MARIE MELFI  
Notary Public, State of Ohio, Lake Cty.  
My Commission Expires July 23, 2002